

Amendments to the Specification:

Please replace the paragraph starting on page 17, line 33 and ending on page 18, line 15 with the following amended paragraph:

Fig. 10 illustrates an embodiment of the present invention that may utilize the channel type signal. Fig. 10 shows a system where a single user may have multiple client systems for accessing a server system. A single user may have, for example, a wireless phone client system 1001, a home analog phone client system 1002, and a personal computer client system 1003. Of course, other client systems could also be used. The wireless phone client system 1001 may be coupled to the server over a wireless communication channel 1010. Additionally, the home analog phone client system 1002 may be coupled to the server over wired communication channel 1020 including an analog phone line between a household and a central telephone office. Furthermore, the personal computer client system 1002 1003 may be coupled to the server over digital communication channel 1030 such as a modem, DSL line, or ethernet communication channel. The channel type signal may include information for identifying the particular communication channel, the particular type of client system, or both. The server system may receive the channel type signal in parameter control unit 930 and load the biometric algorithm with unique parameters corresponding to the particular communication channel, type of client system, or both. The channel type signal may be utilized optionally with the line quality measure signal, or alternatively, the channel type signal may be utilized alone without the line quality signal.